

# INSTALLATION INSTRUCTIONS

## **CARBURETOR TEST GAUGE KIT 7863HP**

*For Holley 0-80528 750CFM Carburetor*

This kit is designed to check the Holley series 750CFM carburetor. All of the test gauges are of the "NO-GO" design which means if the gauge fits into or over the item being checked, the carburetor is illegal. The kit consists of the following gauges:



**78601HP Venturi Gauge** - This gauge will fit around the booster from the top and should not go into the venturi. This would also be a good time to check the venturi bore to see if it has elongated of "Egg-Shaped". This condition will be easy to spot at this time, as the gauge will not go in but you can see light around the front and backside of the gauge showing the venturi has been altered. Do not question a slight imperfection, as a cheated up venturi will be easy to spot.



**78602 Throttle Bore Gauge** - This tool should not go into any of the throttle bores.



**78624 Primary Throttle Shaft and Plate Gauge** - This gauge should not go over the throttle shaft and plate combined.



**78604 Booster Length Gauge** - This gauge will go into the venturi and check the height or length of the booster. If it fits over the booster has been altered.



**78605 Booster I.D. and O.D. Gauge** - This gauge can be used from the top. One end will check the O.D. and the other will check the I.D. The I.D. is where some will alter to get more air by the booster. If the gauge will fit into the booster it has been altered.

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### **HOLLEY CARBURETOR SPECIFICATIONS:**

Venturi Bore Pri and Sec	1.373 - 1.383	Booster Length	.440 - .444
Booster O.D.	.620 (+ or -) .010	Throttle Bore Pri and Sec	1.6855 - 1.6865
Booster I.D.	.380 (+ or -) .003	Combined Throttle Shaft & Plate, Pri	.1745 - .1765